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AVAILABLE: Library of Congress

GO/ksv
8-1-58

Card 5/5

RABINOVICH, P.M., kandidat ekonomicheskikh nauk.

Importance of statistics in increasing the quality of industrial
production. Standartizatsiia no.2:14-18 Mr-Ap '57. (MIRA 10:6)

1. Moskovskiy ekonomiko-statisticheskii institut.
(Quality control)

SOV/138-59-3-14/16

AUTHOR: Rabinovich, P.M.

TITLE: The Use of Statistical Methods for Control and for Research in Production in the Tyre Industry (C primeneni statisticheskikh metodov kontrolya i issledovaniya proizvodstva v shinnoy promyshlennosti)

PERIODICAL: Kauchuk i rezina, 1959, ¹⁸Nr 3, pp 56 - 61 (USSR)

ABSTRACT: A table is given of the main methods of production quality control, divided into four headings: 1) sampling control, 2) continuous control, 3) statistical analysis of production quality, 4) application of a system of limits and technical tolerances. The basis of each method is explained, its practical usefulness, and the benefits that can be obtained from adoption of each method. The meaning of standard deviation, dispersion, coefficient of variation, and standard deviation of the mean is explained with formulae. Using these factors, an example is given of the method of calculating the limiting dev.

Card 1/2

SOV/138-59-3-14/16

The Use of Statistical Methods for Control and for Research in
Production in the Tyre Industry

iations of the weight of a tyre, from the tolerances on the weight of the individual components. The difference is brought out between the statistically appropriate tolerance (which allows for the fact that not all variations are likely to be one way) and the crude total tolerance given by summing individual tolerances. Another example is given of the method of determining the limiting weights of individual components of a tyre from the linear tolerances on the dimensions of the materials involved - in this case, the length, breadth, thickness and the specific weight of the tyre cord material. Finally, consideration is given to probable distribution of population means, as applied to the limiting variation of the average weight of a tyre. A table is given for the reliability coefficient in relation to number of samples taken, and an example is given of the method of determining the minimum number of samples necessary to give statistical probability within given confidence limits of total population being within the required tolerance. There are 2 tables.

Card 2/2

25(5)
AUTHORS: Rabinovich, P.M., Khryanfov, G.A., (Moscow) Vager, L.A.
(Moscow) and Shitikov, A.M., (Leningrad); Engineers.

TITLE: On Revising Standards of the "Layout System" (K peresmotru standartov "Sistema chertezhnogo khozyaystva")

PERIODICAL: Standartizatsiya, 1959, ²³⁻Nr 2, pp 43-47 (USSR)

ABSTRACT: This article contains suggestions by four authors for layout standards now being revised. Different modifications to the preparation of working drawings, their registration and their storage, are proposed. There are 2 tables.

ASSOCIATION: TsNIITMASH; VNII.

Card 1/1

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S/028/60/000/02/003/024
D041/D002

AUTHOR: Rabinovich, P.M.

TITLE: Normative Reliability, Coefficient for Radio Engineering Products

PERIODICAL: Standartizatsiya, 1960, Nr 2, pp 11 -13 (USSR) ²⁴⁻

ABSTRACT: Though the laboratories of industry works and research institutes do test radio mass products (resistors etc.) the test results frequently are not properly evaluated, and works tests not always are a gauranty for quality. The author suggests to use a "normative reliability coefficient" for the evaluation of test results. The idea is explained by calculations on a practical example of resistors. The result is 2.5, which corresponds to 1.2% probable faulty resistances in a produced batch. There are 3 tables.

Card 1/1

RABINOVICH, P.M.

Standardization of induction-heating units for power-frequency currents.
Standarizatsiia 26 no.5:39-43 My '62. (MIRA 15:7)
(Induction heating—Equipment and supplies)

RABINOVICH, Pinva Moiseyevich; SHENTSIIS, Ye.M., red.; PYATAKOVA,
N.D., tekhn. red.

[Statistical methods for studying the production potentials
of an industrial enterprise; elements of technological
statistics] Statisticheskie metody issledovaniia proizvod-
stvennykh rezervov promyshlennogo predpriiatiia; elementy
tekhnologicheskoi statistiki. Moskva, Gosstatizdat, 1963.
225 p. (MIRA 16:9)

(Industrial statistics)

PAIDROGIN, A. L., PAIDROGIN, A. L., RUBENIYEV, M. A.

Amino Acids

Preparation of *D* and *L* -α-amino acids by enzymatic hydrolysis of isopropyl esters of racemic α-amino acids; *D* and *L* -β-phenylalanine; *L* and *D* -norleucine; *L* and *D* -tryptophane. Dokl. AN SSSR 85 No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

RABINOVICH, P.S., inzhener.

Metal economy and reduction of production costs. Standartizatsiia
no.1:47-49 Ja-F '54. (MLRA 7:2)

1. Direktor Igumnovskogo zavoda metallokonstruktsii.
(Plates, Iron and steel)

RABINOVICH, R.I.

3545. RABINOVICH, R.I. Dostizheniya Sadovodov Svedlovskoy Oblasti.
M., Goskul'tprosvet-izdat, 1954. 8s. 22sm. (Vsesoyuz. s.-kl. Bystavka)
15,000elz. 10k--Na obl. avt. Ne Ukazany--(54-57618) P 634.1/7st (47.811)

SO: Knizhnaya Letopis', Vol.3, 1955

RABINOVICH, R.I.

Legal advice. Zdravookhranenie 2 no.1:64 Ja-7 '59 (MIRA 12:7)
(MOLDAVIA--MEDICAL PERSONNEL)

RABINOVICH, R.I.; YEGIAZAROV, G.M.; KOROLEVA, Ye.I.; IVANOV, N.A.

Characteristics of nutritive properties of quick-cooking food
concentrates. Kons. 1 ov. prom. 14 no.9:19-22 S '59.

(MIRA 12:12)

(Food, Concentrated)

RABINOVICH, R.I. Prinimali uchastiye: ALEGLAN, L.K., kand. sel'khoz. nauk;
 BARABANOVA, N.N.; BOSENKO, K.S.; VINNIK, V.V.; GRIGORCHUK, Ye.V.;
 GUMEROV, A.Kh.; DOBROCHASOV, D.F.; ZAMURAYEV, I.V.; ZAYTSEVA, A.G.,
 kand. sel'khoz. nauk; KOL'TSOV, N.A.; LEVITIN, Kh.Z., kand. biol.
 nauk; LISITSKIY, B.Ya.; MATYASH, G.P.; MENTOV, A.V.; RABINOVICH, R.I.;
 SAL'NIKOV, V.V.; SVETCHNIKOV, I.V.; SIMONOV, P.K.; SMIRNOV, V.V.;
 SMIRNOV, L.P.; SMIRNOVA, V.I.; STEPANOVA, V.I.; TARASOV, A.A.; FILA-
 TOVICH, V.V., kand. sel'khoz. nauk; FEDOROV, N.G., kand. tekhn. nauk;
 TSAPLIN, M.F.; KHROMOV, L.V.; DAVYDOVA, I., red.; PAL'MINA, N., tekhn.
 red.

[Sverdlovsk in Agricultural Exhibition of 1959] Sverdlovskaya sel'-
 khoziaistvennaya vystavka. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo,
 1960. 131 p. (MIRA 14:10)

1. Sverdlovsk. Sverdlovskaya oblastnaya sel'skokhozyaystvennaya
 vystavka, 1959.

(Sverdlovsk—Agricultural exhibitions)

GERSHENZON, Yo.M.; GURVICH, Yu.A.; RABINOVICH, R.I.

Interaction between current carriers in semiconductors. Fiz.
tvar. tela 7 no.6:1706-1709 Je '65. (MIRA 18:6)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut imeni
Lenina.

L 2292-66 EWT(1)/T/EJA(h) IJP(c) AT

ACCESSION NR: AP5014569

UR/0181/65/007/006/1706/1709

AUTHOR: Gershenson, Ye. M.; Gurvich, Yu. A.; Rabinovich, R. I.

TITLE: Concerning the interaction between carriers in semiconductors

SOURCE: Fizika tverdogo tela, v. 7, no. 6, 1965, 1706-1709

TOPIC TAGS: cyclotron resonance, electron interaction, semiconductor carrier, line broadening

ABSTRACT: The authors consider the possibility of using cyclotron resonance (CR) for the observation and investigation of the interaction between definite groups of carriers, such as electrons belonging to two different minima of the conduction band. A hypothetical experiment is proposed, in which two electromagnetic waves with different frequencies and different powers are incident on the sample. The response of one group of electrons to the power of the electromagnetic wave at the frequency of the second group should manifest itself in an increase in the energy of the electrons of the first group

Card 1/2

L 2292-66

ACCESSION NR: AP5014569

and in a broadening of their resonance line. Quantitative estimates based on the results, made under certain simplified assumptions, suggest that this effect is perfectly feasible. For example, at 4.2K, for germanium with electron and hole density 10^{12} cm^{-3} , the line width of the holes should increase by a factor 2.3 in a field of 4.7 V/cm. The experiment proposed does not require noticeable complication of the ordinary cyclotron resonance observation techniques, and necessitates only that it be simultaneously realizable at two frequencies at a fixed value of the magnetic field. Orig. art. has: 2 figures and 4 formulas.

ASSOCIATION: Moskovskiy gosudarstvennyy pedagogicheskiy institut im. V. I. Lenina (Moscow State Pedagogical Institute)

SUBMITTED: 13Jul64

ENCL: 00

SUB CODE: SS, NP

NR REF SOV: 000

OTHER: 006

Cord

2/2 DP

RABINOVICH, R. L.

ORLYANKIN, N.M., inzh.; RABINOVICH, R.L., inzh.

Using the M11-200 machine tool in making large lightweight brick
blocks. Transp. stroi. 8 no.3:9-10 Mr '58. (MIRA 11:4)
(Brickmaking machinery)

ORLYANKIN, N.M.; RABINOVICH, R.L.

Using concrete with organic aggregates in lightweight construction. Transp.stroi. 9 no.2:58 P '59. (MIRA 12:5)
(Concrete construction)
(Walls)

RABINOVICH, R.L. (Moskva)

Method for studying the mobility of basic neural processes in man.
Zhur. vys. nerv. deiat. 11 no.5:960-965 S-O '61. (MIRA 15:1)
(NERVOUS SYSTEM) (PHYSIOLOGICAL APPARATUS)

RABINOVICH, R.L.; KOROLEVA, Ye.I. (Moskva)

Influence of dried milk on assimilation of food from concentrates.
Vop. pit. 20 no.4:71-72 J1-Ag '61. (MIRA 14:7)
(FOOD, CONCENTRATED) (MILK, DRIED)

RABINOVICH, R.L. (Moskva)

Significance of the rate of afferent stimulation for the level
of functional lability of the cerebral cortex. Zhur.vys.nerv.
deiat. 12 no.1:40-43 Ja-F '62. (MIRA 15:12)
(CEREBRAL CORTEX)

CHACHIA K.N., POLNIZHAKOV, A.B., RABINOVICH, R.M.

Röntgenologic examination of laryngeal cancer during
radiotherapy. Vest. rentg., Moskva No. 2:42-46
Mar-Apr 1953.

(CML 25:5)

1. Of the Radio Surgery Division (Head -- Honored Worker
in Science Prof. V.A. Shaak), Central Röntgenological, Radio-
logical, and Cancer Institute (Director -- Prof. M.N. Pobedinskiy),
Ministry of Public Health USSR.

KISELEV, P.M., prof.; RABINOVICH, R.M.; METTER, I.D.

Course and treatment of experimental pneumonia in animals with
radiation sickness. Vop.radiobiol. 2:364-372 '57.
(MIRA 12:6)

1. Sotrudniki Tsentral'nogo nauchno-issledovatel'skogo rentgeno-
radiologicheskogo instituta Ministerstva zdavookhraneniya SSSR.
(RADIATION SICKNESS) (PNEUMONIA)

RABIMOVICH, R.M. (Leningrad, Baskov, per., d.32, kv.24); KAMTIN, A.V.
(Leningrad, P-22, Bol'shoy pr., d.38, kv.51)

Radiation injuries of the lungs and the pleura in X-ray and gamma
ray therapy of breast cancer [with summary in English]. Vop.onk.
3 no.6:711-719 '57. (MIRA 11:2)

1. Iz radiyevo-khirurgicheskogo otdeleniya (zav. - dots. K.N.Chochia)
TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo
instituta (dir. - prof. M.N.Pobedinskiy)

(BREAST NEOPLASMS, ther.

gamma rays & x-rays, causing inj. of lungs & pleura)
(GAMMA RAYS, ther. use, inj. eff.

lung & pleura lesions in ther. of breast cancer)
(ROENTGEN RAYS, inj. eff.

same)

(LUNGS, eff. of radiations on

gamma ray & x-ray inj. in ther. of breast cancer)

(PLEURA, eff. of radiations on

same)

RABINOVICH, R. M.

RABINOVICH, R.M.; STRASHININ, A.I.

Inflammatory processes around a foreign body in the pyriform fossa
simulating a laryngeal tumor. Vest.oto-rin. 19 no.3:114-115
My-Je '57. (MIRA 10:10)

1. Iz radio-khirurgicheskogo otdeleniya (sav. K.N.Chochia) Tsentral'-
nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta
Ministerstva zdoravookhraneniya SSSR, Leningrad.

(LARYNX, foreign bodies

inflamm. around for body in piriform fossa simulating
laryngeal tumor)

RABINOVICH, R.M.

Differential diagnosis of degenerative peripheral bronchial cancer and cavernous tuberculosis. Probl. tub. 35 no.6:99-100 '57. (MIRA 12:1)

1. Iz rentgenologicheskogo otdeleniya (zav. Y.I. Movshovich) tuberkulez-
noy bol'nitsy ~~Lengorzdrazvotdela~~ (glavnyy vrach P.G. Shamritskaya) (st.
Razliv).

(BRONCHI, neoplasms
differ. diag. from pulm. tuberc (Rus))
(TUBERCULOSIS, PULMONARY, differ. diag.
bronchial cancer (Rus))

KISELEV, P.N.; RABINOVICH, R.M.; METER, I.D.

Treatment of staphylococcal pneumonia in radiation sickness [with summary in English]. Med.rad. 3 no.4:41-46 J1-Ag '58. (MIRA 12:3)

1. Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdavookhraneniya SSSR.

(PNEUMONIA, experimental,

micrococcal, in radiation sickness, eff. of antibiotics (Rus))

(ANTIBIOTICS, effects,

on exper. micrococcal pneumonia in radiation sickness (Rus))

(MICROCOCCAL INFECTIONS, experimental,

pneumonia in radiation sickness, eff. of antibiotics (Rus))

(ROENTGEN RAYS, effects,

total body, eff. of antibiotics on assoc. pneumonia in animals (Rus))

RABINOVICH, R.M.

Effect of total-body roentgen and gamma irradiation on external
respiration; experimental roentgenokymographic examination
[with summary in English]. Med. rad. 3 no.5:7-11 8-0 '58
(MIRA 11:12)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo rentgenologicheskogo
instituta Ministerstva zdoravookhraneniya SSSR.

(KYMGRAPHY,

roentgenokymography of resp.changes after total-
body x-ray & gamma-ray irradiation (Rus))

(ROENTGEN RAYS, effects,

total-body, on resp. roentgenokymography (Rus))

(GAMMA RAYS, eff.

same (Rus))

(RESPIRATION, eff. of radiations,

gamma-ray & x-ray total body irradiation,
roentgenokymography (Rus))

KISELEV, P.N.; RABINOVICH, R.M.; METER, I.D.

Principles of the development, course and outcome of experimental pneumonia in acute radiation sickness. Med.rad. 3 no.6:3-10 N-D '58. (MIRA 12:1)

1. Iz bakterio-serologicheskoy laboratorii (zav. - prof. P.N. Kiselev) Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR.

(PNEUMONIA, exper.

eff. of exper. radiation sickness (Rus))

(ROENTGEN RAYS, effects,

on exper. pneumonia, radiation sickness dose (Rus))

RABINOVICH, R.M.

Three observations on laryngeal sarcoma. Vest.oto-rin. 20 no.5:
117-119 S-0 '58 (MIRA 11:12)

1. Iz radio-khirurgicheskogo otdeleniya (zav. K.N. Chochia)
TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo
instituta, Leningrad.

(LARYNX, neoplasms
sarcoma (Rus))
(SARCOMA, case reports
larynx (Rus))

RABINOVICH, R.M., SHESHINA, G.A.

Case of posterior paramediastinal pleurisy simulating mediastinal
tumor. Sov.med. 22 no.11:146-147 N '58 (MIRA 11:11)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo
instituta Ministerstva zdavookhraneniya SSSR (dir. prof. M.N. Pobedinskiy)
(PLEURISY, differ. diag.
posterior paramediastinal, from mediastinal tumors (Rus))
(MEDIASTINUM, neoplasms.
differ. diag. from posterior paramediastinal pleurisy (Rus))

RABINOVICH, R.M. (Leningrad)

Combined tuberculosis and primary lung cancer. Klin.med. 36
no.12:57-63 D '58. (MIRA 12:6)

1. Iz rentgenovskogo kabineta (zav. F.I.Movshovich) tuberkuleznoy
bol'nitsy Leningradskoy oblasti nastantsii Razliv (glavnyy vrach
P.Ye.Malinkin).

(LUNG NEOPLASMS, compl.

primary, with pulm. tuberc. (Rus))

(TUBERCULOSIS, PULMONARY, compl.

primary lung cancer (Rus))

RABINOVICH, R.M.

Roentgenological observations in studies of the lungs of animals with acute radiation sickness developing after the administration of radioactive isotopes. Med.rad. 4 no.11:33-36 N '59. (MIRA 13:2)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta meditsinskoy radiologii Ministerstva zdavookhraneniya SSSR.
(RADIATION INJURY experimental)
(LUNGS radiation effects)

RABINOVICH, R.M. (Leningrad, Baskov per., 32, kv.24)

Role of tomography in the diagnosis of cancer of the larynx. Vop.
onk. 5 no.9:279-287 '59. (MIRA 12:12)

1. Iz radio-khirurgicheskogo otdeleniya (zav. - dots. K.N. Chochia)
TSentral'nogo instituta meditsinskoy radiologii (dir. - prof. M.N.
Pobedinskiy).
(LARYNX neoplasms)

RABINOVICH, R.M.

Lesions of the intrathoracic lymph nodes caused by metastatic hypernephroma. Probl.tub. 37 no.8:91-92 '59. (MIRA 13:6)

1. Iz rentgenovskogo otdelenia (zav. F.I. Movshovich) tuberkuleznoy bol'nitsy (glavnyy vrach P.Ye. Kalinkin) Lengorsdravotdela (stansiya Bazliv).

(ADENOCARCINOMA case reports)

(LYMPH NODES neopl.)

(LUNGS neopl.)

RABINOVICH, R.M.

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PHASE I BOOK EXPLOITATION

SOV/5435

Kiselev, P. N., Professor, G. A. Gusterin, and A. I. Strashinin, Eds.

Voprosy radiobiologii. t. III: Sbornik trudov, posvyashchenny 60-letiyu so dnya rozhdeniya Professora M. N. Pobedinskogo (Problems in Radiation Biology. v. 3: A Collection of Works Dedicated to the Sixtieth Birthday of Professor M[ikhail] N[ikolayevich] Pobedinskiy [Doctor of Medicine]) Leningrad. Tsentr. n-issl. in-t med. radiologii M-va zdravookhrananiya SSSR, 1960. 422 p. 1,500 copies printed.

Tech. Ed.: P. S. Peleshuk.

PURPOSE: This collection of articles is intended for radiobiologists.

COVERAGE: The book contains 49 articles dealing with pathogenesis, prophylaxis, and therapy of radiation diseases. Individual articles describe investigations of the biological effects of radiation carried out by workers of the Central Scientific Research Institute for Medical Radiology of the Ministry of Public Health, USSR. [Tsentral'nyy nauchno-issledovatel'skiy institut meditsinskoy radiologii Ministerstva zdravookhrananiya SSSR] during 1958-59. The following

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Problems in Radiation Biology (Cont.)

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topics are covered: various aspects of primary effects of radiation; the course of some metabolic processes in animals subjected to ionizing radiation; reactions in irradiated organisms; morphologic changes in radiation disease; and reparation and regeneration of tissues injured by irradiation. Some articles give attention to the effectiveness of experimental medical treatments. No personalities are mentioned. References accompany almost all of the articles.

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Gusterin, G. A., and A. I. Strashinin. Professor Mikhail Nikolayevich Pobedinskiy (Commemorating his Sixtieth Birthday)

5

Lebedinskiy, A. V. [Member, Academy of Medical Sciences USSR], N. I. Arlashchenko, and V. M. Mastryukova. On the Mechanism of Trophic Disturbances Due to Ionizing Radiation

11

Zedgenidze, G. A., [Member, Academy of Medical Sciences USSR], Ye. A. Zherbin, K. V. Ivanov, and P. R. Vaynshteyn. Hormonal Activity of the Adrenal Cortex in Acute Radiation Sickness and the Effect of Desoxycorticosterone Acetate on the Disease

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Problems in Radiation Biology (Cont.)

607/5435

- Kashkin, K. P. On the Possibility of Adaptation of Bacterium Faecalis
Alcaligenes to the Effect of Ionizing Radiation 350
- Meter, I. D. Some Data on Causes of Unsuccessful Treatment of
Radiation Disease With Antibiotics 360
- Rabinovich, R. M. X-Ray-and-Anatomic Characteristics of Pulmonary
Changes in Experimental Staphylococcal Pneumonia of Irradiated Animals 369
- Petrov, I. R. [Member, Academy of Medical Sciences USSR], V. A. Bondina,
and I. V. Il'inskaya. Use of the Dextran-Type Synthetic Colloidal
Solution in Combined Therapy of Radiation Sickness 376
- Rusanov, A. M., G. A. Bol'shakova, and V. D. Lyashenko. Effect of
Gangliolytic Preparations [gangliolitiki] on the Course and Outcome
of Experimental Radiation Sickness 386

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RABINOVICH, R.M.

Roentgenological observations of experimental Friedlander's
pneumonia in irradiated animals. Med.rad. 5 no.2:22-25 F '60.
(MIRA 13:12)

(PNEUMONIA) (RADIATION—PHYSIOLOGICAL EFFECTS)

RABINOVICH, R.M.

Course of pulmonary tuberculosis during radiotherapy for cancer of
the larynx. Vop. onk. 6 no. 8:74-80 Ag '60. (MIRA 14:1)
(TUBERCULOSIS) (LARYNX—CANCER)

RABINOVICH, R.M.

Role of tomography in evaluating the results of treating laryngeal cancer with radioactive cobalt. Vest. otorin. 22 no. 6: 76-81 '60.

(MIRA 14:1)

1. Iz radiokhirurgicheskogo otdeleniya (zav. - dotsent K.N. Chochia) Tsentral'nogo instituta meditsinskoy radiologii, Leningrad.
(LARYNX--CANCER) (COBALT--ISOTOPES)

RABINOVICH, R.M.; NIKONOVA, O.N.

Course of metastatic sarcoma of the lung during gamma-ray and
sarcolysin therapy. Vest.rent.i rad. 35 no.1:66 Ja-P '60.

(MIRA 13:6)

1. Iz radiokhirurgicheskogo otdeleniya (zav. - dotsent K.N.
Chochia) Tsentral'nogo nauchno-issledovatel'skogo instituta
meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR
(dir. - prof. M.N. Pobedinskiy).

(LUNGS NEOPLASMS ther.)

(SARCOMA ther.)

(NITROGEN MUSTARDS ther.)

FUNSHTEYN, Lev Vladimirovich; VASIL'YEVA, Ye.I.; GRACHEVA, N.D.;
OCHINSKAYA, G.V.; PROTAS, L.R. [deceased]; RABINOVICH, R.M.;
SHCHERBAN', E.I.; SIPOVSKIY, P.V., red.; RULEVA, M.S., tekhn.
red.

[Atlas of the pathological anatomy of acute experimental radiation sickness] Atlas patologicheskoi anatomii ostroi luchevoi bolezni v eksperimente. Leningrad, Medgiz, 1961. 216 p.
(MIRA 15:2)

(RADIATION SICKNESS) (ANATOMY, PATHOLOGICAL--ATLASES)

RABINOVICH, R.M.; DANILIN, A.A.

Problem of X-ray genotherapy in Besnier-Boeck-Schaumann disease.
Vest.rent.i rad. 36 no.3:64-65 My-Je '61. (MIRA 14:7)

1. Iz rentgenoterapevticheskogo otdeleniya (zav. - doktor meditsinskikh
nauk L.R.Protas [deceased]) Tsentral'nogo nauchno-issledovatel'skogo
instituta meditsinskoy radiologii Ministerstva zdravookhraneniya
SSSR (dir. - prof. M.N.Pobedinskiy).
(GRANULOMA BENIGNUM)

SHTYNTSAYG, A.I.; RABINOVICH, R.M.

Prolonged course of bronchial cancer. Terap.arkh. no.6:23-28
'61. (MIRA 15:1)

1. Iz tuberkuleznoy bol'nitsy Leningradskogo otdela zdravookhra-
neniya, stantsiya Razliv.
(BRONCHI--CANCER)

RABINOVICH, R.M. (Leningrad)

Radiotherapy of tumors of the small pelvis in concomitant tuberculosis. Med.rad. no.5:78-81 '62. (MIRA 15:8)
(~~PELVIS~~--TUMORS) (~~PELVIS~~--TUBERCULOSIS) (RADIOTHERAPY)

RABINOVICH, R.M. (Leningrad, D-14, Baskov pereulok, 32, kv.24)

Case of radiation injury of the lungs and pleura during the
therapy of breast cancer. Vop. onk. 9 no.9:74-78 '63.
(MIRA 17:9)

1. Iz Instituta meditsinskoy radiologii (dir.- Ye.I. Vorob'yev).

RABINOVICH, R.M.

Injuries of the larynx in radiotherapy of cancer. Vor. onk. 11
no. 8:107-113 '65. (MIRA 18:11)

1. Iz rentgenologicheskogo otdela (zav. -- K.B. Tikhonov)
TSentral'nogo nauchno-issledovatel'skogo rentgenoradiolo-
gicheskogo instituta (direktor -- Ye.I. Vorob'yev).

CHOCHIA, K.N.; RABINOVICH, R.M.; POLEZHAYEV, A.B.

Complications in radiotherapy of cancer of the larynx. Vop. onk.
11 no.12:25-31 '65. (MIRA 19:1)

1. Tsentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskiy
institut Ministerstva zdravookhraneniya SSSR (dir. - Ye.I. Vorob'yev).

RABINOVICH, R.S.

Charles Singer. Sov. zdrav. 20 no.8:73-74 '61.
(SINGER, CHARLES, 1876-1960)

(MLA 15:1)

ZINOV'YEV, I.A.; KAL'YU, T.V.; POLYANSKAYA, T.G.; RABINOVICH, R.S.;
FOKINA, Ye.N.

Significant and anniversary dates of the history of medicine
during 1962. Sov. zdrav. 20 no.9:76-79 '61. (MIRA 14:12)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny
imeni Semashko Ministerstva zdravookhraneniya SSSR.
(MEDICINE)

RABINOVICH, R.S.

John Fulton. Sov. zdrav. 20 no. 11: 64, 65 '61.
(FULTON, JOHN FARQUHAR, 1899-1960)

(MIA 14:12)

ZINOV'YEV, I.A.; KAL'YU, T.V.; POLYANSKAYA, T.G.; RABINOVICH, R.S.;
FOKINA, Ye.N.; ZUYEVA, N.K., tekhn. red.;

[Significant and jubilee dates in the history of medicine for
1962] Znamenatel'nye i iubileinye daty istorii meditsiny 1962
goda. Moskva, Medgiz, 1962. 71 p. (MIRA 15:4)
(MEDICINE)

ZINOV'YEV, I.A.; KAL'YU, T.V.; POLYANSKAYA, T.G.; RABINOVICH, R.S.;
FOKINA, Ye.N.; PRONINA, N.D., tekhn. red.

[Significant and anniversary dates in the history of medicine
for 1963] Znamenatel'nye i iubileinye daty istorii meditsiny
1963 goda. Moskva, Medgiz, 1962. 61 p. (MIRA 15:11)
(MEDICINE)

ZINOV'EV, I.A.; KAL'YU, T.V.; POLYANSKAYA, T.G.; RABINOVICH, A.S.;
FORINA, Ye.N.

Significant and anniversary dates in the history of medicine:
June. Sov. zdrav. 21 no.1:61-63 '62. (MIRA 15:2)

1. Institut organizatsii zdravookhraneniya i istorii meditsiny
imeni N.A.Semashko Ministerstva zdravookhraneniya SSSR, otдел
istorii meditsiny.

(MEDICINE)

RABINOVICH, R.S.

Elucidation of problems in the history of medicine in English
journals in 1960. Sov. zdrav. 21 no.4:78-80 '62. (MIRA 15:5)
(MEDICINE)

VENGROVA, I.V.; POLYANSKAYA, T.G.; RABINOVICH, R.S.; FOKINA, Ye.N.

Important and anniversary dates in the history of medicine in
1964. Sov. zdrav. 22 no.9:77-79 '63. (MIRA 17:4)

1. Otdel istorii meditsiny i sovetskogo zdravookhraneniya
Instituta organizatsii zdravookhraneniya i istorii meditsiny
imeni N.A. Semashko.

RABINOVICH, R.S. (Moskva)

Abstracts. Sovet. zdravookhr. 5:90-91'63

(MIRA 17:2)

ZINOV'YEV, I.A.; POLYANSKAYA, T.G.; RABINOVICH, R.S.; KAL'YU, T.V.;
FOKINA, Ye.N.

Significant and anniversary dates in the history of medicine in
1963 - May. Sov.zdrav. 22 no.2:67-68 '63. (MIRA 16:2)
(MEDICINE)

VITKOROVA, I.V.; POLYANKAYA, T.G.; RABINOVICH, R.D.; FOCINA, Ye.N.

Discoveries and events. Sov. zdrav. 22 no.9:76 '63. (MIRA 17:4)

1. Otdel istorii meditsiny i sovetskogo zdravookhraneniya
Instituta organizatsii zdravookhraneniya i istorii meditsiny
imeni N.A. Semashko.

VENGROVA, I.V.; POLYANSKAYA, T.G.; RABINOVICH, R.S.; FOKINA, Ye.N.;
PETROV, B.D., prof., red.

[Significant dates and anniversaries of medicine in 1965]
Znamenatel'nye i iubileinye daty istorii meditsiny 1965
goda. Pod red. B.D.Petrova. Moskva, Meditsina, 1964. 74 p.
(MIRA 17:12)

1. Zaveduyushchiy otделom istorii meditsiny i sovetskogo
zdravookhraneniya Instituta organizatsii zdravookhraneniya
i istorii meditsiny im. N.A.Semashko (for Petrov).

RABINOVICH, R.S.

GADEL', R.A., kand. tekhn. nauk; BARSUKOVA, M.I., inzh.; RABINOVICH, R.S., inzh.

New spinning machine for combed yarn. Tekst. prom. 18 no.3:19-22
Mr '58. (MIRA 11:3)

(spinning machinery)

IRGAB, Kim; RABINOVICH, R.S.; KULAGINA, M.I., mladshiy nauchnyy
sotrudnik

P-114-Sh2 spinning machine. Tekst.prom. 20 no.1:27-30
Ja '60. (MIRA 13:5)

1. Vedushchiy inzhener Spetsial'nogo konstruktorskogo byuro
tekstil'nogo mashinostroyeniya zavoda Tashtekstil'masha (for
Irgab). 2. Starshiy inzhener Glavnogo konstruktorskogo byuro
tekstil'nogo mashinostroyeniya (for Rabinovich). 3. Tsentral'nyy
nauchno-issledovatel'skiy institut sherstyanoy promyshlennosti
(for Kulagina).

(Spinning machinery)

CHUYKOVA, N.I., inzh.; RABINOVICH, R.S., inzh.; VISHNYAK, I.A., inzh.

New twister for twist woolen yarn. Tekst.prom. 21 no.12:27-
28 D '61. (MIRA 15:2)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sherstyanoy promyshlennosti (TsNIIShersti) (for Chuykova). 2. Konstruktorskoye byuro Vsesoyuznogo nauchno-issledovatel'skogo instituta tekstil'nogo mashinostroyeniya (VNIITekmash) (for Rabinovich). 3. Spetsial'noye konstruktorskoye byuro Tashkentskogo zavoda tekstil'nogo mashinostroyeniya Tashkentskogo sovnarkhoza (for Vishnyak).
(Spinning machinery)

Rabinovich, R. Sh.

✓ Separation of lead from barium with anionite resins.
 Yu. V. Morachevskii, M. N. Zvereva, and R. Sh. Rabinovich (State Univ., Leningrad). *Zavodskaya Lab.* 22, 511-3 (1980). It is shown that Pb is absorbed from 0.5-2.0N HCl by anionite resins, PE, EDEIO, and EDEIOP. On this basis, the following sepn. of Pb from Ba is suggested: pass 100 ml. 0.5N HCl contg. under 0.17 g. Pb and any amt. of Ba through the resin column in chloride form (1 x 9 cm. column); if PbCl₂ ppt. is formed, the soln. is still used. The resin is washed with 100 ml. 0.5N HCl and the effluent is analyzed for Ba. Pb is eluted with 200 ml. H₂O. The recovery of Pb is usually within 0.3 mg., that of Ba within 0.6 mg.

G. M. Kosolapoff

3 M.A. YOUTZ
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AUTHORS: Morachevskiy, A.G., Rabinovich, R.Sh. SOV/80-32-2-49/56

TITLE: The Liquid-Vapor Equilibrium in the Chloroform-Ethyl Alcohol System (Ravnovesiye zhidkost' - par v sisteme khloroform - etilovyy spirt)

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 2, pp 458-459 (USSR)

ABSTRACT: The equilibrium of the mentioned system has been investigated under isothermal conditions in [Ref 1]. The equilibrium under isobaric conditions of 760 mm mercury column is investigated here. The chloroform used had the density d_4^{20} 1.4891, the alcohol 0.7894. At a chloroform content of 80% the boiling temperature of the solution is at a minimum. There is 1 graph, 1 table, and 2 references, 1 of which is Soviet and 1 American.

SUBMITTED: April 19, 1958

Card 1/1

MORACHEVSKIY, A.G.; RABINOVICH, R.Sh.

Mutual solubility of components and liquid - liquid - vapor equilibrium
in the ternary system nitrocyclohexane - cyclohexanone - water. Zhur.
prikl. khim. 38 no.7:1621-1623 J1 '65. (MIRA 18:7)

1. Leningradskiy gosudarstvennyy universitet imeni Zhdanova.

RABINOVICH, S., inzh.

Efficient tools and equipment for assembly work and special.
operations. Stroitel' no.11:15-19 ' 58. (MIRA 11:12)
(Building--Tools and implements)

SKVORTSOV, A., inzh.; RABINOVICH, S., inzh.

Making forms of wooden slabs. Stroitel' no.7:6-7 J1 '58. (MIRA 11:9)

(Concrete construction--Formwork)

RABINOVICH, S., inzhener.

Stock forms for monolithic structures. Stroitel' 2 no. 4-5:30-31 Ap-
My '56. (Concrete construction--Formwork) (MIRA 10:1)

ZHUKOVA, Ye.; FEDOROV, Vl.; RABINOVICH, S., inzh.; RAFALOVICH, S.

Letters to the editor. Stroitel' no.5:30 My '60. (MIRA 13:9)

1. Zamestitel' laboratoriyey tresta Kiyevotdelstroy-2 (for Zhukova).
2. Nachal'nik proizvoditel'no-tekhnicheskogo otdela tresta Spetsstroy (for Rafalovich).
(Building)

BOGDANOV, N., dotsent; RABINOVICH, S.; KARUNA, Ye.

Assembly of the precast elements of the Krivoy Rog Central Ore Dressing Combine. Prom. stroi. i inzh. scor. 4 no.3:26-31
My-Je '62. (MIRA 15:7)

1. Dnepropetrovskiy inzhenerno-stroitel'nyy institut (for Bogdanov). 2. Glavnyy inzhener tresta "Dneprostal'konstruktsiya" (for Rabinovich).

(Krivoy Rog--Ore dressing)
(Precast concrete construction)

RABINOVICH, S., inzh.; TARUSHKIN, P., inzh.

Erection ^{my} steel structures of a conveyor bridge. Prom. stroi.
1 inzh. soor. 5 no.5:29-35 S-0 '63. (MIRA 16:12)

RABINOVICH, S.A., Cand Med Sci--(dies) "Experimental studies on ^{the} trans-
placental trans~~fer~~^{fer} of antibodies (agglutinins and opsonins) from
~~the~~ mother to the ~~child~~ fetus." Mos, 1958. 10 pp (Acad Med Sci USSR.
Inst of Epidemiology and Microbiology in Honored Acad N.F. Gamaleya,
200 copies (11,25-58, 119)

-176-

USSR / General Problems of Pathology. Immunity.

U

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13449

Author : Rabinovich, S. A.

Inst :
Title : Experimental Investigations of Transplacental
Transfer of Agglutinins from the Mother to the
Fetus.

Orig Pub : Byul. eksperim. biol. i med., 1958, 45, No. 1,
78-82

Abstract : The content of antibodies was investigated in
healthy parturients, which were never ill with
dysentery and typhoid and were not immunized,
and in their children immediately after birth.
In mothers, the titer of antibodies (TA) was
most frequently 1:160-1:320; in their children
1:20, in rare cases 1:80. With an increase of

Card 1/2

RABINOVICH, S.A.

Increasing the "turnability" of saggars. Stek. i ker. 19 no.1:
35-36 Ja '62. (MIRA 15:3)

1. Konakovskiy fayansovyy zavod.
(Saggers)

RABINOVICH, S.A.

Effect of the size grinding elements on ball mill performance.
Stek. i ker. 19 no.3:26-28 Mr '62. (MIRA 15:3)
(Crushing machinery)

L 32758-66 EWT(m)/T/EWP(a)/EWP(v) WH/WW
ACC NR: AP6009934 (A) SOURCE CODE: UR/0413/66/000/004/0164/0164

INVENTOR: Rabinovich, S. A.; Kuznetsova, V. P.

ORG: None

TITLE: Paste for producing refractory articles. Class 80, No. 61925

SOURCE: Izobreteniya, promyshlennyye obrastay, tovarnyye znaki, no. 4, 1966, 164

TOPIC TAGS: refractory material, refractory casting

ABSTRACT: An author certificate has been issued describing a paste for making refractory articles, using andalusite and kyanite as fillers. To make the paste suitable for molding, the following composition is suggested (%): filler of granulo-metric composition, 93.5 — to 88.0; plastic clay, 5.5 — 8.0; bentonite, 0.5 — 2.0; sulfite pulp liquor, 1.0 — 2.0.

SUB CODE: 11/ SUBM DATE: 17Jun37

Card 1/1 JS

FEDYUKIN, D.L.; GOLOSKOV, E.I.; RABINOVICH, S.A.; ZAKHARENKO, N.V.

Vulcanization indicator developed by the "Metallist" Plant.
Kauch. i rez. 24 no.11:51-52 '65. (MIRA 19:1)

1. Leningradskiy zavod "Metallist" i Nauchno-issledovatel'skiy
institut rezinovykh i lateksnykh izdeliy.

RADIKOVICH, S. A.

Experimental study of the antimalarial preparation haloquine (cyeloquine). Report No.3: Study of the possibility of limiting the development of resistance to chloridine in the combined use of chloridine and haloquine. Med. parazit. i parazitobol. 34 no.4:434-439. M.-Ag. '65. (MIRA 18:12)

1. Otdel meditsinskoy protozoologii Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.M. Martsinovskogo Ministerstva zdoravookhraneniya SSSR, Moskva. Submitted March 1, 1965.

RABINOVICH, S.A.; MOSHKOVSKIY, Sh.D.

Experimental studies on the antimalarial preparation haloquine (cycloquine). Report No.1: Comparative studies on the hemato-schizotropic activity of haloquine and chloroquine administered in equal doses. Med.paraz.i paraz.bol. 33 no.4:472-478 J1-Ag '64. (MIRA 18:3)

1. Otdel meditsinskoy protozoologii Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Martsinovskogo, Moskva.

RABINOVICH, S.A.

Experimental investigations of the transplacental passage of agglutinins from mother to fetus [with summary in English]. Biul. eksp.biol. i med. 45 no.1:78-82 Ja '58. (MIRA 11:4)

1. Iz otdela epidemiologii Instituta epidemiologii i mikrobiologii imeni pochetnogo akademika N.F.Gamalei (dir. - prof. S.N.Marontsev, nauchnyy rukovoditel' - prof. G.Ya.Sinay [deceased]) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N.Zhukovym-Vereshniko-
vym.

(ANTIBODIES,

agglutinins, transplacental passage from mother to fetus in animals (Rus))

(PLACENTA, physiology,

transplacental passage of agglutinins from mother to fetus in animals (Rus))

RABINOVICH, S.A.

Experimental study of the antimalarial activity of haloquine.
Report No.2: Possibility of developing resistance to haloquin in
malaria parasites. Med. paraz. i paraz. bol. 34 no.1:91-97 Ja-F
'65. (MIRA 18:8)

1. Otdel meditsinskoy protozoologii Instituta meditsinskoy parasitologii i tropicheskoy meditsiny imeni Ye.I.Martsinovskogo Ministerstva zdravookhraneniya SSSR, Moskva.

YASEVICH, V.K., prof.; KHODIYEV, E.M., assistant; VAVILIN, M.K.; AKALAYEV, N.Kh.; BORZENKO, A.A., ordinator; ALIMOV, R.A.; RABINOVICH, S.A.; TSENER, Kh.Kh.; KOKOSOVA, T.A.

Angiocardiography in the diagnosis of congenital vitia cordis.
Med. zhur. Uzb. no.10:10-16 '61. (MIRA 14:10)

1. Iz fakul'tetskoy khirurgicheskoy kliniki sanitarnogo i pediatri-
cheskogo fakul'tetov (zav. - prof. V.K.Yasevich) Tashkentskogo
gosudarstvennogo meditsinskogo instituta.

(ANGIOCARDIOGRAPHY)
(HEART--ABNORMITIES AND DEFORMITIES)

Rapin, A.A.

Experimental study of the antimalarial preparation haloquine
(cycloquine). Report No.4: Comparative preventive activity of
haloquine and chloroquine in equal doses. Med. parazit. i paras.
b-1. 34 no.6:650-657 D-E '65. (MOS 12.12)

1. Udal meditsinskoy protozoologii Instituta meditsinskoy
parazitologii i tropicheskoy meditsiny imeni V.I. Parshinovskogo
Ministerstva zdravookhraneniya SSSR. Moskva. Submitted September
2, 1965.

RABINOVICH, S. D.

"Glauconite Deposits in the Novo-Lialin District on the Eastern Slope of the Urals,"
Dok. AN, 37, No. 2, 1942. c1942-.

1. SPENCER, H. D.
2. U.S.R (600)
4. Geology, Stratigraphic - Ural Mountains
7. Report on the work of the Gari preliminary-survey party of the Sos'va (petroleum) expedition in 1944. /Abstract/. Izv. Glav. u.r. geol. fon. no.2 1947

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

RABINOVICH, S.D.; YEREMYEVA, A.I.

Cretaceous and Tertiary deposits on the eastern slope of the Urals
and in the trans-Ural region. Trudy Geol.-geol.inst.no.24:187-206'56.
(Ural Mountain Region--Geology, Stratigraphic) (MIRA 10:1)

BAIABANOVA, T.F.; GALERKINA, S.G.; GRIBKOV, V.V.; DERVIZ, T.L.; KIRINA, T.I.;
KRAVETS, V.S.; LIDER, V.A.; MESEZHNIKOV, M.S.; RABINOVICH, S.D.;
UMOVA, L.A.

Mesozoic and Cenozoic facies of the western part of the
West Siberian Plain. Trudy VNIGRI no.140:183-227 '59.
(MIRA 13:6)

(West Siberian Plain--Geology. Stratigraphic)

1. RABINOVICH, S. D.
2. USSR (600)
4. Ural Mountains - Geology, Stratigraphic
7. Report on the work of the Gari preliminary-survey part of the Sos'va(petroleum) expedition in 1944. (Abstract.) Izv. Glav.upr.geol.fon. no. 2, 1947
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

KOZHEVNIKOV, K.Ye.; RABINOVICH, S.D.

Northern Ural manganese basin. Trudy Inst. met. UFAN SSSR no.7:
23-51 '61. (MIRA 16:6)
(Ural Mountains--Manganese ores)

RABINOVICH, S.D. [Rabinovich, S.D.]

Characteristics of the construction and operation of malt
kilns with traveling beds. Khar. prom. no.4:31-33 O-D '65.
(MIRA 18:12)

RABINOVICH, S.D. [Rabinovych, S.D.]

Pneumatic malt kiln with a traveling bed. Khar. prom. no.1:3-10
Ja-Mr '65. (MIRA 18:4)

RABINOVICH, S.E.

Late results of splenectomy in cases of Werlhoff's disease. Probl.
gemat. i perel. krovi 2 no.2:24-30 Mr-Apr '57. (MLRA 10:6)

1. Iz gematologicheskoy (zav. - prof. S.I.Sherman) i khirurgicheskoy
kliniki (zav. - chlen-korrespondent Akademii meditsinskikh nauk
SSSR prof. A.N.Pilatov) Leningradskogo Ordena Trudovogo Krasnogo
Znameni nauchno-issledovatel'skogo instituta perelivaniya krovi
(dir. - dotsent A.D.Belyakov)

(PURPURA, THROMBOPENIC, surg.

splenectomy in Werlhoff's dis., remote results (Rus))

(SPLEEN, surg.

excis. in ther. of Werlhoff's dis., remote results (Rus))

RABINOVICH, S. G.

1068. Semi-automatic d.c. potentiometers. B. A. SELINER AND S. G. RABINOVICH. *Elektrichestvo*, 1954, No. 11, 63-64, in Russian.

It is pointed out that the conventional potentiometers are too slow and cumbersome for calibrating measuring instruments in production, but that fully-automatic potentiometers which were tried fell short of the required precision standards. It is not necessary either to render the whole compensation process automatic, since the coarse adjustment for compensation is obtained quickly and only the fine adjustment takes time. The correct principle is therefore to split the potentiometer up into two separate part-potentiometers, only that for the fine adjustment being rendered automatic. If the measuring range is correctly divided, a very satisfactory accuracy is obtained for the whole device, namely, that of class 1 potentiometers. In the automatic part, the slide wire is replaced by a constant resistance and the compensation obtained by varying the current. An amplifier with negative feedback was found suitable for this purpose, particularly a type of photo-compensated galvanometer amplifier already used for small current and voltage measurements. The universal potentiometer so constituted was found suitable for testing instruments of two classes for any measuring range.

B. F. KRAUS

Category : USSR/Radiophysics - Radio-wave Reception

I-7

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4586

Author : Seliber, B.A., Rabinovich, S.G. (Leningrad)

Title : DC Photo-Compensation Amplifiers

Orig Pub : Avtomatika i telemekhanika, 1956, 17, No 8, 728-745

Abstract : The theory of photo-compensation amplifiers is considered. The basic versions of the circuits are given. The errors of amplifiers and methods for eliminating such errors are investigated. The operation of a photocell is analyzed and recommendations are given concerning the choice of type and of operating mode. By way of illustration, a new photo-compensation automatic-recording amplifier with a sensitivity 2×10^{-8} v/mm is described. Ways of further application of photo-compensation amplifiers are indicated.

Card : 1/1

RABINOVICH, S. G.

Photocompensated direct current and voltage regulators. Izv.
tekhn.no.1:18-26 Ja-P '57. (MLRA 10:4)
(Electric controllers) (Photoelectric cells)

Rabinovich, S. G.

110-2-8/22

AUTHORS: Zharzhevskiy, Z.L. (Engineer) & Rabinovich, S.G. (Engineer)

TITLE: Automatic graduation of accurate electrical measuring instruments.
(Avtomatizatsiya graduirovki tochnykh ~~elektromeritnykh~~ priborov)

PERIODICAL: Vestnik Elektromyshlennosti, 1958, No.2, pp.28-32. (USSR)

ABSTRACT: The graduation of accurate instruments is usually done by hand. On the test-bed pencil-marks are made on the scale, which is then removed from the instrument for marking on a special machine. A new machine simultaneously graduates and marks the scales on instruments of classes 0.1, 0.2 and 0.5. The working principle is described with reference to Fig.1. As the needle deflects the instrument is rotated so that the pointer always remains in the one position. This position is determined more accurately than usual by means of an optical magnifying system. When the position of the needle has been correctly established a finished marking is made on the scale in the appropriate position. The deflection of the instrument being graduated is controlled by a special stabiliser, whereby the process is made automatic and more accurate. A schematic circuit diagram of the stabiliser is given in Fig.3. The input voltage is rectified, filtered, and passed through a photo-electric control circuit to the output regulator. This channel automatically maintains balance between a definite proportion of the output voltage and the voltage of a standard cell. The operation of the stabiliser is simple and is fully described.

Card 1/2